

Work Order: Montana DNRC 2018-2019 LiDAR Projects

Submitted by: Quantum Spatial

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Reporting period: July 20th, 2019 – July 26th, 2019

Report Date: July 26th, 2019

Project Summary:

Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

Summary of work completed during reporting period:

- LiDAR acquisition was completed for Deer Lodge, Powell, and Jefferson County were all completed earlier this week! Updated Acquisition Status Maps attached.
- Ground survey work for Deer Lodge County is complete!
- Ground survey work for Powell County is ongoing, currently forecast to complete in the next couple of weeks.
- Data Processing of the Hill and Valley County Datasets continue back in the Corvallis office.
- The Clark Fork Dataset continues to be worked on in calibration this week.
- Intensive QC is taking place on the Powell, Jefferson, and Deer Lodge County data to ensure no data gaps.

Outstanding issues and concerns:

Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	95%	rolling	
LiDAR Data Processing [50%]	37%	rolling	
Weekly Reports	n/a	Ongoing	

Activities Planned Next Week:

- Continue data processing of the Hill and Valley LiDAR datasets.
- Continue QC of the Jefferson, Powell, and Deer Lodge Datasets flown so far this Spring. Begin calibration.
- Continue Calibration of the Clark Fork dataset.
- Continue ground survey work in Powell County.













